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| FORM PTO-1449<br>(REV. 7-80)   | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO.<br>NAK1-BQ35         | SERIAL NO.    |
| <b>INFORMATION DISCLOSURE STATEMENT</b><br>(Use several sheets if necessary) |  | APPLICANT<br>Nobukazu Kurauchi et al. |               |
|  |  | FILING DATE                           | GROUP<br>2623 |

15872 U.S. PTO  
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## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL |   | DOCUMENT | DATE | NAME | CLASS | SUB-<br>CLASS | FILING<br>DATE IF<br>APPRO-<br>PRIATE |
|---------------------|---|----------|------|------|-------|---------------|---------------------------------------|
|                     | A |          |      |      |       |               |                                       |
|                     | B |          |      |      |       |               |                                       |
|                     | C |          |      |      |       |               |                                       |
|                     | D |          |      |      |       |               |                                       |
|                     | E |          |      |      |       |               |                                       |
|                     | F |          |      |      |       |               |                                       |
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|                     | J |          |      |      |       |               |                                       |
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## FOREIGN PATENT DOCUMENTS

|     |   | DOCUMENT NUMBER  | DATE     | COUNTRY                     | CLASS | SUB-<br>CLASS | TRANS-<br>LATION |
|-----|---|------------------|----------|-----------------------------|-------|---------------|------------------|
|     |   |                  |          |                             |       |               | YES NO           |
| NV! | L | 9 1 8 8 5 0      | 01/17/97 | Japan                       |       |               | X                |
|     | M | 9 1 8 8 5 3      | 01/17/97 | Japan                       |       |               | x                |
| ↓   | N | 7 5 3 9 4 9      | 01/15/97 | EP (based on<br>Nos. L & M) |       |               |                  |
|     | O | 2000 1 8 8 6 1 6 | 07/04/00 | Japan                       |       |               | X                |
| ↓   | P | 1 0 5 8 4 2 9    | 12/06/00 | EP based on<br>No. O)       |       |               |                  |
|     | Q |                  |          |                             |       |               |                  |

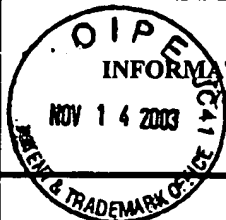
## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.



## INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Docket Number (Optional)  
42478-7400Application Number  
10/010,782Applicant(s)  
Nobukazu Kurauchi et al.Filing Date  
11/5/2001Group Art Unit  
2623  
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## U.S. PATENT DOCUMENTS

| *EXAMINER<br>INITIAL | REF | DOCUMENT NUMBER | DATE     | NAME             | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|----------------------|-----|-----------------|----------|------------------|-------|----------|-------------------------------|
| NV                   |     | 5,515,098       | 5/7/96   | Carles           |       |          |                               |
| ↓                    |     | 5,855,008       | 12/29/98 | Goldhaber et al. |       |          |                               |
| ↓                    |     | 5,819,092       | 10/6/98  | Ferguson et al.  |       |          |                               |
| NV                   |     | 5,559,549       | 9/24/96  | Hendricks et al. |       |          |                               |
|                      |     |                 |          |                  |       |          |                               |
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## FOREIGN PATENT DOCUMENTS

|  | REF | DOCUMENT NUMBER | DATE     | COUNTRY | CLASS | SUBCLASS | Translation |    |
|--|-----|-----------------|----------|---------|-------|----------|-------------|----|
|  |     |                 |          |         |       |          | YES         | NO |
|  |     | 680 214         | 19.04.95 | Europe  |       |          | ✓           |    |
|  |     | WO 99/43111     | 26.08.99 | PCT     |       |          | ✓           |    |
|  |     |                 |          |         |       |          |             |    |
|  |     |                 |          |         |       |          |             |    |
|  |     |                 |          |         |       |          |             |    |
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## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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|--|--|--|--|--------------------------|--|----------------------|--|
| <b>INFORMATION DISCLOSURE CITATION</b><br><i>(Use several sheets if necessary)</i> |  |  |  | Docket Number (Optional) |  | Application Number   |  |
|  |  |  |  | 42478-7400               |  | 10/010,782           |  |
|  |  |  |  | Applicant(s)             |  |                      |  |
|  |  |  |  | Nobukazu Kurauchi et al. |  |                      |  |
|  |  |  |  | Filing Date              |  | Group Art Unit       |  |
|  |  |  |  | November 5, 2001         |  | 2623 <del>2161</del> |  |

| U. S. PATENT DOCUMENTS |     |                 |      |      |       |          |                               |
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| EXAMINER<br>INITIAL    | REF | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|                        |     |                 |      |      |       |          |                               |
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| U.S. PATENT APPLICATION PUBLICATIONS |     |                 |      |      |       |          |                               |
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| EXAMINER<br>INITIAL                  | REF | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
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|                                      |     |                 |      |      |       |          |                               |

| FOREIGN PATENT DOCUMENTS |     |                 |          |  |       |          |             |    |
|--------------------------|-----|-----------------|----------|--|-------|----------|-------------|----|
|                          | REF | DOCUMENT NUMBER | DATE     | COUNTRY                                | CLASS | SUBCLASS | Translation |    |
|                          |     |                 |          |  |       |          | YES         | NO |
| NV                       |     | 99/66719        | 12/23/99 | PCT/WIPO                               |       |          |             |    |
| ↓                        |     | 97/12486        | 4/3/97   | PCT/WIPO                               |       |          |             |    |
| ↓                        |     | 11-512903       | 2/11/99  | Japan (corresponding to WIPO 97/12486) |       |          | X           |    |
| ↓                        |     | 09-051522       | 2/18/97  | Japan w/English Abstract               |       |          | X           |    |
| ↓                        |     | 09-065321       | 3/7/97   | Japan w/English Abstract               |       |          | X           |    |
| NV                       |     | 10-290443       | 10/27/98 | Japan w/English Abstract               |       |          | X           |    |
|                          |     |                 |          |  |       |          |             |    |
|                          |     |                 |          |  |       |          |             |    |
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| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) |  |  |  |
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